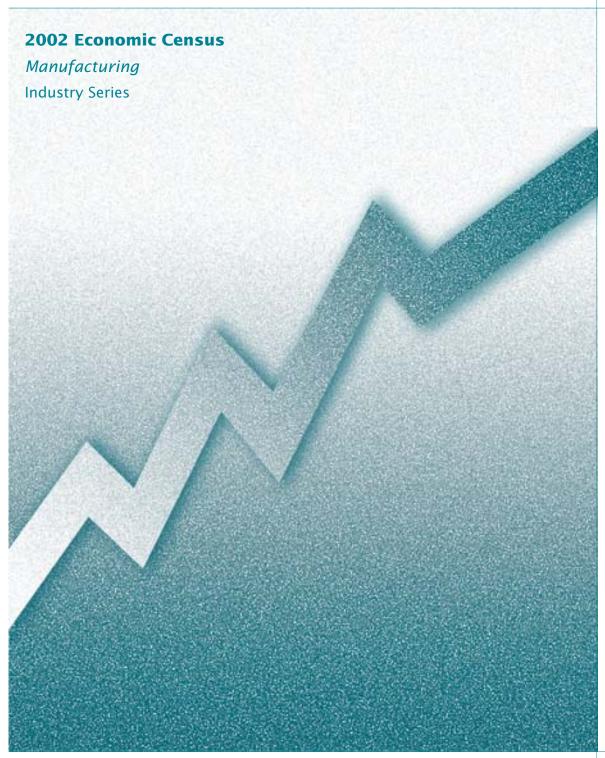
Motor Vehicle Seating and Interior Trim Manufacturing: 2002

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U.S. Department of Commerce Economics and Statistics Administration U.S. CENSUS BUREAU



Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

		All			Production workers				Total	Total	Total capital
Industry and year ¹	Com- panies ²	estab- lish- ments ³	Number ⁴	Payroll (\$1,000)	Number ⁴	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	
336360, Motor vehicle seating and interior											
trim manufacturing 2002	287	384	56 184	2 042 055	43 514	81 623	1 396 328	5 027 802	12 168 630	17 206 492	363 044
2001	N	N.	53 000	1 682 589	42 529	80 222	1 181 166	4 359 666	10 448 517	14 829 316	250 624
2000	N	N	58 028	2 028 678	45 758	92 445	1 408 694	5 100 678	10 590 957	15 652 142	305 972
1999	N	N	55 455	1 972 061	44 691	92 514	1 400 220	5 104 507	9 393 541	14 463 541	353 153
1998	N	N	48 898	1 636 272	39 405	80 870	1 157 437	4 181 234	8 191 822	12 379 665	332 998
1997	280	363	47 885	1 532 785	38 220	78 425	1 100 800	4 272 286	7 612 024	11 869 070	310 711

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

		All establi	ishments ²	All em	ployees	Pr	oduction worl	kers				
Industry and geographic area	E¹	Total	With 20 em- ploy- ees or more	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
336360, Motor vehicle seating and interior trim manufacturing												
United States. California Florida Illinois Kentucky Michigan Missouri New Jersey New York Ohio Pennsylvania Tennessee Virginia Wisconsin	- 3 - - - 8 - 1 -	384 52 18 9 12 58 13 5 7 29 8 16 5	229 17 3 6 11 44 10 5 3 27 5 11 4 5	56 184 2 442 346 1 665 3 707 16 936 2 543 365 7 003 582 3 899 1 100 1 643	2 042 055 79 684 8 136 54 679 119 133 628 214 131 714 14 007 13 827 246 099 19 599 111 492 43 192 81 594	43 514 1 866 304 1 269 3 015 12 996 1 931 290 242 5 524 530 3 272 805 1 152	81 623 3 696 629 2 437 5 912 21 831 3 722 542 502 11 174 830 6 684 1 795 2 434	1 396 328 51 993 6 313 34 419 90 363 404 198 94 315 9 490 6 300 178 787 16 878 80 042 31 023 53 809	5 027 802 221 679 14 395 183 427 242 333 1 586 758 299 961 36 949 27 970 604 312 42 732 338 771 338 775 8 862 157 570	12 168 630 236 107 21 465 465 153 1 198 021 3 548 730 847 118 29 825 1 628 964 38 009 632 346 164 436 453 045	17 206 492 459 433 36 337 648 385 1 449 320 5 125 681 1 145 603 126 330 48 835 2 225 716 81 813 975 467 254 331 610 369	363 044 12 916 915 15 593 31 703 72 008 11 307 821 3 202 61 710 3 961 55 722 3 883 7 661

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
336360, Motor vehicle seating and interior trim manufacturing	
Companies ¹ number	287
All establishments ²	384 155 80 149
All employees³ number. Total compensation \$1,000. Annual payroll \$1,000. Total fringe benefits \$1,000.	56 184 2 719 557 2 042 055 677 502
Production workers, average for year	43 514 42 642 43 268 44 101 43 988
Production worker hours	81 623 1 396 328
Total cost of materials \$1,000 Materials, parts, containers, packaging, etc., used \$1,000 Resales \$1,000 Purchased fuels \$1,000 Purchased electricity \$1,000 Contract work \$1,000	12 168 630 11 928 265 130 178 14 589 61 363 34 235
Quantity of electricity purchased for heat and power	1 124 881 -
Total value of shipments \$1,000. Primary products value of shipments \$1,000. Secondary products value of shipments \$1,000. Total miscellaneous receipts \$1,000. Value of resales \$1,000. Contract receipts \$1,000. Other miscellaneous receipts \$1,000.	17 206 492 16 547 489 440 651 218 352 173 119 4 657 40 576
Primary products specialization ratio percent. Value of primary products shipments made in all industries \$1,000. Value of primary products shipments made in this industry \$1,000. Value of primary products shipments made in other industries \$1,000.	97 16 762 072 16 547 489 214 583
Coverage ratiopercent	99
Value added\$1,000	5 027 802
Total inventories, beginning of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	474 284 129 099 78 901 266 284
Total inventories, end of year \$1,000. Finished goods inventories \$1,000. Work-in-process inventories \$1,000. Materials and supplies inventories \$1,000.	511 309 121 169 76 771 313 369
Gross value of depreciable assets (acquisition costs) at beginning of year \$1,000 Total capital expenditures (new and used) \$1,000 Buildings and other structures (new and used) \$1,000 Machinery and equipment (new and used) \$1,000 Automobiles, trucks, etc., for highway use \$1,000 Computers and peripheral data processing equipment \$1,000 All other expenditures for machinery and equipment \$1,000 Total retirements \$1,000 Gross value of depreciable assets at end of year \$1,000	3 234 964 363 044 77 587 285 457 7 890 17 866 259 701 231 372 3 366 636
Depreciation charges during year	302 322
Total rental payments \$1,000. Buildings and other structures \$1,000. Machinery and equipment \$1,000.	94 635 61 209 33 426
Total other expenses ⁴ \$1,000. Response coverage ratio ⁵ percent. Repair and maintenance services of buildings and/or machinery ⁴ \$1,000. Communications services ⁴ \$1,000. Legal services ⁴ \$1,000. Accounting, auditing, and bookkeeping services ⁴ \$1,000. Advertising and promotional services ⁴ \$1,000. Expensed computer hardware and supplies and purchased computer services ⁴ \$1,000. Refuse removal (including hazardous waste) services ⁴ \$1,000. Management consulting and administrative services ⁴ \$1,000. Taxes and license fees ⁴ \$1,000. All other expenses ⁴ \$1,000.	512 365 90 66 314 12 184 4 282 3 846 4 581 7 440 19 853 49 430 34 725 309 710

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.
2Includes establishments with payroll at any time during the year.
3Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.
4Based on Annual Survey of Manufactures (ASM) sample data.
5A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

			All emp	oloyees	Pr	oduction worke	rs		Total	Total	Total
Employment size class	E¹	All estab- lish- ments ²	Number ³	Payroll (\$1,000)	Number ³	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	capital expendi- tures (\$1,000)
336360, Motor vehicle seating and interior trim manufacturing											
All establishments Establishments with — 1 to 4 employees 5 to 9 employees 10 to 19 employees 20 to 49 employees 10 to 29 employees 100 to 249 employees 250 to 499 employees 500 to 999 employees 1,000 to 2,499 employees 2,500 employees or more	9 7 5 2 1 - -	384 80 38 37 46 34 63 59 24 3	56 184 158 260 530 1 394 2 491 10 238 20 128 j	2 042 055 5 004 9 174 17 159 44 004 77 168 341 555 758 951 D D	43 514 135 209 430 1 051 1 932 8 003 15 157 D	81 623 252 423 841 2 111 3 820 15 910 29 910 D D	1 396 328 3 687 6 787 13 023 26 934 47 598 231 764 508 985 D	5 027 802 9 095 24 070 37 627 100 414 190 851 834 200 1 908 922 D D	12 168 630 24 985 40 395 75 279 150 108 295 005 1 955 668 5 380 824 D D	17 206 492 34 069 65 669 114 052 253 385 479 009 2 791 548 7 304 413 D	363 044 2 018 3 235 5 638 9 267 15 933 68 267 136 904 D D
Administrative records ⁴	9	105	495	16 752	431	849	12 930	27 938	90 395	118 333	7 250

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

¹Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or	Industry or primary product class	All	All em	ployees	Pı	oduction work	ers		Total	Total	Total capital
product class code		estab- lish- ments ¹	Number ²	Payroll (\$1,000)	Number ²	Hours (1,000)	Wages (\$1,000)	Value added (\$1,000)	cost of materials (\$1,000)	value of shipments (\$1,000)	expendi- tures (\$1,000)
336360	Motor vehicle seating and interior trim manufacturing	384	56 184	2 042 055	43 514	81 623	1 396 328	5 027 802	12 168 630	17 206 492	363 044
3363601 3363602	Automobile trimmings	69	20 025	669 901	15 953	30 770	484 969	1 721 500	2 785 081	4 491 141	119 433
3363603	(except leather)	16	2 698	99 754	1 841	3 721	53 568	183 957	397 807	588 184	12 958
3363605	aircraft	98	24 110	1 006 836	18 190	32 559	667 256	2 310 295	7 608 635	9 932 563	151 118
3363607	and tire covers	21 26	2 449 5 178	61 950 148 953	1 917 4 151	3 752 7 902	46 511 102 638	244 495 479 583	382 259 755 977	623 221 1 238 669	10 543 51 380

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. Products Statistics: 2002 and 1997

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

		Number of companies with		Product	shipments
Product code	Product	shipments of \$100,000 or more	Quantity of production for all purposes	Quantity	Value (\$1,000)
336360	Motor vehicle seating and interior trim manufacturing	N N	X X	X	16 762 072 11 798 295
3363601	Automobile trimmings	N N	X X	X	4 487 218 4 063 088
33636011	Automobile trimmings	N N	X	X X	4 487 218 4 063 088
3363601100	1997	57 58	X X	X	4 063 088 4 487 218 4 063 088
3363602	Fabricated seat and safety belts, including shoulder harnesses (except leather). 2002. 1997.	N N	×	X	758 273 614 974
33636021	Fabricated seat and safety belts, including shoulder harnesses (except leather) 2002.	N N	X	X	758 273 614 974
3363602100	Fabricated seat and safety belts, including shoulder harnesses (except leather) 2002.	26 20	×	X	758 273 614 974
3363603	Seats for public conveyance and aircraft	N N	×	X	9 461 811 6 958 943
33636031	Seats for public conveyance and aircraft	N N	X	X X	9 461 811 6 941 843
3363603101	Seats for public conveyances (except aircraft), including automobiles, trucks, buses, and van conversions	44	x	Х	8 857 840
3363603104	1997 Seats for aircraft	70 18 9	X X X	X X X	6 545 096 603 971 396 747
3363603Y	Seats for public conveyance and aircraft, nsk	N N	X	X X	17 100
3363603YWV	Seats for public conveyance and aircraft, nsk	N N	X X	x x	17 100
3363605	Fabricated automobile seat covers and tire covers	N N	X	X X	615 155 N
33636051	Fabricated automobile seat covers and tire covers	N N	X X X	x x	615 155 N
3363605100	Fabricated automobile seat covers and tire covers	31 N	x x	X X	615 155 N
3363607	Metal motor vehicle seat frames	N N	X X	X	1 149 780 N
33636071	Metal motor vehicle seat frames	N	X	X	1 149 780
3363607100	1997 Metal motor vehicle seat frames	N 36 N	X X X	X X X	1 149 780 N
336360W	Motor vehicle seating and interior trim manufacturing, nsk, total	N N	X X	X	289 835 161 290
336360WY	Motor vehicle seating and interior trim manufacturing, nsk, total	N N	X X	X	289 835 161 290
336360WYWW	Motor vehicle seating and interior trim manufacturing, nsk, for nonadministrative-record establishments	N	х	Х	174 979
336360WYWY	Motor vehicle seating and interior trim manufacturing, nsk, for administrative-record establishments	N N N	X X X	X X X	139 489 114 856 21 801

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Product Class Shipments for Selected States: 2002 and 1997

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

NAICS product class code	Product class and geographic area	Value of product shipments (\$1,000)
3363601	Automobile trimmings	
	United States	4 487 218
	1997 California	4 063 088 89 340
	1997 Michigan	56 822 2 568 032
	Ohio	2 776 088 783 601 632 080
3363602	Fabricated seat and safety belts, including shoulder harnesses (except leather)	
	United States. 2002. 1997	758 273 614 974
3363603	Seats for public conveyance and aircraft	
	United States	9 461 811 6 958 943
	California	249 602 204 966
	Florida	10 866 N
	Illinois	467 519 226 697
	Michigan	2 306 215 1 769 798
	Ohio	678 600 724 930
	Tennessee	724 930 329 750 N
	Wisconsin	605 004 365 532
3363605	Fabricated automobile seat covers and tire covers	
	United States	615 155
	1997 2002. 1997 19	47 874 N
3363607	Metal motor vehicle seat frames	
	United States	1 149 780
	Tennessee	290 496 N

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
336360	Motor vehicle seating and interior trim manufacturing		
00900001	Total materials	X	11 928 265
31321013	Polyester broadwoven fabrics (piece goods)	XX	7 399 541 194 930
31321003	Cotton broadwoven fabrics (piece goods)	X X X X D	194 830 9 773 D
31321009	Rayon and acetate broadwoven fabrics (piece goods)	X D	D D
31321015	Nylon broadwoven fabrics (piece goods)	X	8 412
31321019	Uncoated broadwoven fabrics for upholstery	X X X	N 213 875 N
31321021	Other broadwoven fabrics (piece goods)	X	256 840 704 517
31322103	Narrow fabrics (12 inches or less in width)	X X X D	D
31311003	Yarn, all fibers	X	D 234 589 10 604
31332001	Fabrics (plastics coated, impregnated, and laminated)	X	375 669
31699900	Leather and other material cut stock and findings	X	773 140 1 339 979
32520003	1997 Manmade fibers, staple, and tow	x x x x x	N 148 977 N
32521105	Plastics resins consumed in the form of granules, pellets, powders, liquids, etc	X	197 291 382 127
32610013	Plastics products consumed in the form of sheets, rods, tubes, film, and other shapes	ŝ	602 206 181 899
332000AC	1997 Metal stampings	x x x x x	729 330 404 315
33200043	All other fabricated metal products (excluding castings and forgings)	X	1 071 588 488 145
33100035	Castings, rough and semifinished	ŝ	4 828 8 742
33120016	Steel sheet and strip (including tinplate)	x x x x x	60 066 N
33120083	All other steel shapes and forms (excluding castings, forgings, and fabricated metal products)	X	107 762 114 331
33131500	Aluminum and aluminum-base alloy sheet, plate, foil, and welded tubing	Ŷ	24 105 N
32100025	Hardwood lumber, rough and dressed	x x x x x	1 976 8 501
32619909	Plastics furniture parts and components	X	138 199 91 497
32615000	Formed and slab stock for pillows, cushions, seating, etc. (urethane)	X X X	477 277 353 127
33251001	Furniture and builders' hardware (including cabinet hardware, casters, glides, handles, hinges, locks, etc.)	X	20 976 57 960
32221001	Paperboard containers, boxes, and corrugated paperboard		31 757
00970099	All other materials and components, parts, containers, and supplies	X	78 239 4 624 540
00971000	Materials, ingredients, containers, and supplies, nsk	x x x x x	2 337 665 1 029 331 1 174 101

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.